


ORIGINAL TO GENERAL FILES

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE P. I. No. M003235, DeKalb/ Rockdale Counties **OFFICE** Preconstruction
CSNHS-M003-00(235)
I-20 Milling and Resurfacing **DATE** April 14, 2008
From SR 124/Turner Hill Rd to SR 138/SR 20

FROM  Genetha Rice-Singleton, Assistant Director of Preconstruction

TO  SEE DISTRIBUTION

SUBJECT APPROVED NOTICE OF LOCATION AND DESIGN

Attached is the approved Location and Design Report for the above subject project.

Also attached is the Notice of Location and Design Approval. This is the
Authorization for the District to proceed with advertisement

Attachment

DISTRIBUTION:

Brian Summers
Harvey Keepler
Ken Thompson
Michael Henry
Keith Golden
Angela Alexander
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BOARD MEMBER

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE CSNHS-M003-00(235), Dekalb/Rockdale Cos.
I-20 from SR 124/Turner Hill Road to SR 138/SR 20
P.I. No.: M003235

OFFICE Urban Design

DATE April 2, 2008

FROM James B. Buchan, P.E. State Urban Design Engineer

TO Genetha Rice-Singleton, Assistant Director of Preconstruction

SUBJECT Request for Location and Design Approval

DESCRIPTION and PROJECT PROPOSAL: The proposed project would deep mill and inlay existing asphaltic concrete pavement and remove vegetation within the clear zone along I-20 in DeKalb and Rockdale Counties. The project begins just east of the Turner Hill Road/SR 124 Interchange (DeKalb County mile log 16.38) and ends just west of the SR 20/138 Interchange (Rockdale County mile log 4.99), an approximate length of 6.2 miles. The proposed typical section consists of three, 12-foot travel lanes in each direction, inside shoulders varying in width from 5 to 16 feet and 12-foot outside shoulders. The proposed design speed is 70 mph.

CONCEPT APPROVAL DATE: Concept approved on June 21, 2007. Revised concept approved on March 26, 2008.

CONCEPT UPDATE: The revised concept reflects the approved design exception to maintain the existing width of the outside shoulders and limits the design life of the flexible pavement to 15 years. The changes to the approved concept include modifying the typical section to retain the existing median barrier, mill and overlay the inside and outside shoulders, and deep mill & inlay the mainline lanes to a depth of 7.5 inches.

ENVIRONMENTAL ASSESSMENT AND REASSESSMENT APPROVAL DATE:
Categorical Exclusion approved on November 20, 2006.

PUBLIC INVOLVEMENT: No Public Information Meetings were held for this project.

- **Public Hearing Open House**

An open house hearing was not held for this project.

CONSISTENCY WITH APPROVED PLANNING:

The design description as presented herein and submitted for approval is consistent with the approved Concept Report.

RECOMMENDATIONS: The Office of Urban Design recommends that the location and design for this project be approved and that the attached Notice be approved for advertising.

RECOMMEND:


Todd I. Long, P.E. Director of Preconstruction

APPROVE:


Gerald E. Ross, P.E., Chief Engineer

4/11/03
Date of Approval

JBB:JLS

Attachments:

Location Sketch

Cost Estimate

Notice of Location and Design

Estimate Report for file "A_M003235-DV"

Section ROADWAY					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	1	LS	4000000.00	TRAFFIC CONTROL - M003235	4000000.00
153-1300	1	EA	76829.70	FIELD ENGINEERS OFFICE TP 3	76829.70
202-2100	1	LS	74000.00	CLEARING	74000.00
210-0100	1	LS	2000000.00	GRADING COMPLETE - M003235	2000000.00
400-3206	12193	TN	78.16	ASPH CONC 12.5 MM OGFC, GP 2 ONLY, INCL POLYMER-MODIFIED BITUM MATL & H LIME	953004.88
402-3130	41830	TN	65.31	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME	2731917.30
402-3190	68503	TN	63.61	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	4357475.83
413-1000	73260	GL	2.00	BITUM TACK COAT	146520.00
429-1000	6550	EA	715.15	RUMBLE STRIPS	4684232.50
432-5010	293030	SY	2.07	MILL ASPH CONC PVMT, VARIABLE DEPTH	606572.10
518-1000	1	LS	1141201.00	RAISE EXISTING BRIDGE, STA - WEST AVE OVERPASS	1141201.00
632-0003	2	EA	16286.19	CHANGEABLE MESSAGE SIGN, PORTABLE, TYPE 3	32572.38
Section Sub Total:					\$20,804,325.69

Section EROSION CONTROL					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	37	AC	679.69	TEMPORARY GRASSING	25148.53
163-0240	333	TN	291.40	MULCH	97036.20
163-0300	2	EA	2388.13	CONSTRUCTION EXIT	4776.26
165-0030	39600	LF	2.05	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	81180.00
167-1000	2	EA	1542.18	WATER QUALITY MONITORING AND SAMPLING	3084.36
167-1500	24	MO	977.26	WATER QUALITY INSPECTIONS	23454.24
171-0030	79200	LF	4.09	TEMPORARY SILT FENCE, TYPE C	323928.00
700-6910	74	AC	1023.43	PERMANENT GRASSING	75733.82
700-7000	222	TN	68.87	AGRICULTURAL LIME	15289.14
700-7010	185	GL	22.32	LIQUID LIME	4129.20
700-8000	67	TN	320.50	FERTILIZER MIXED GRADE	21473.50
700-8100	3700	LB	3.08	FERTILIZER NITROGEN CONTENT	11396.00
Section Sub Total:					\$686,629.25

Section SIGNING & MARKING					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
610-6510	7	EA	1118.61	REM HWY SIGN, OVHD	7830.27
610-6515	20	EA	102.46	REM HIGHWAY SIGN, STD	2049.20
653-1501	65480	LF	0.68	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	44526.40
653-1502	65480	LF	0.62	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	40597.60
653-1810	5590	LF	1.37	THERMOPLASTIC SOLID TRAF STRIPE, 10 IN, WHITE	7658.30
653-3501	131000	GLF	0.51	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, WHITE	66810.00
654-1003	2150	EA	3.68	RAISED PVMT MARKERS TP 3	7912.00
Section Sub Total:					\$177,383.77

Total Estimated Cost: \$21,668,338.71**Subtotal Construction Cost \$21,668,338.71**

E&C Rate 10.0 % \$2,166,833.87

Inflation Rate 0.0 % @ 0 Years \$0.00

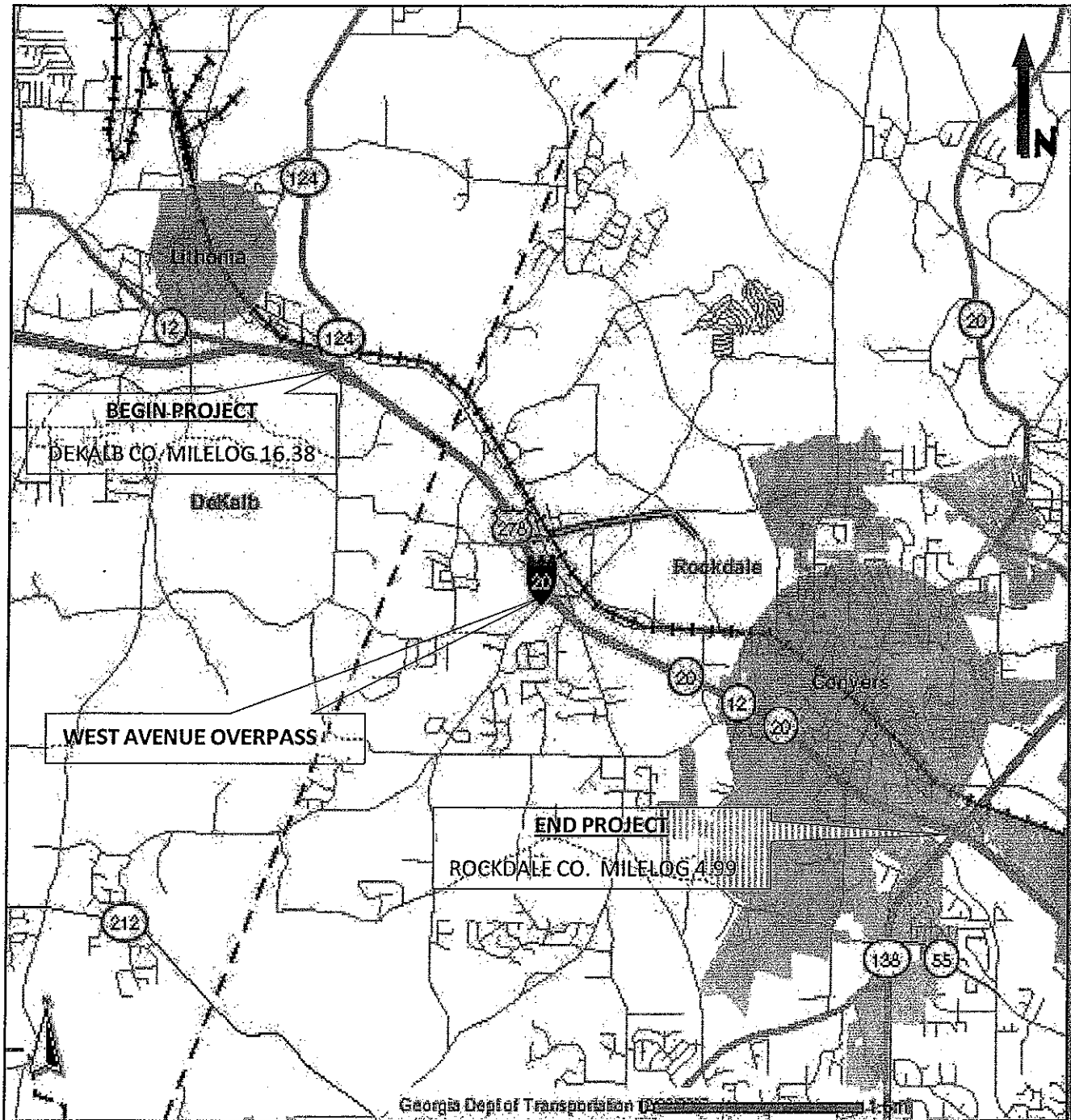
Total Construction Cost \$23,835,172.58 ✓

Right Of Way	\$0.00
ReImb. Utilities	\$0.00

Grand Total Project Cost	\$23,835,172.58
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LOCATION SKETCH

CSNHS-M003-00(235)
DEKALB & ROCKDALE COUNTIES
P.I. M003235



NOTICE OF LOCATION AND DESIGN APPROVAL

PROJECT CSNHS-M003235, DEKALB/ROCKDALE COUNTIES, GEORGIA P.I. NO.: M003235

Notice is hereby given in compliance with *Georgia Code 22-2-109* that the Georgia Department of Transportation has approved the Location and Design of the above project.

Date of Location and Design Approval: APRIL 14, 2008

The proposed project is located entirely within DeKalb and Rockdale Counties, 19% within Congressional District 4, and 81% within Congressional District 13. Land Lots 183, 202 and 203 of the 16th Land District of DeKalb County; Land Lots 203, 212-214, 236, 237, 243, 244, 267, 271, 272, 296 and 299 of the 16th Land District of Rockdale County; and GMD's 476 and 683. The project proposes to mill and resurface three lanes in each direction along the I-20 corridor.

The proposed project would deep mill and inlay existing asphaltic concrete pavement and remove hazardous vegetation within the clear zone along I-20 in DeKalb and Rockdale Counties. The project begins just east of the Turner Hill Road/SR 124 Interchange (DeKalb County mile log 16.38) and ends just west of the SR 20/SR 138 Interchange (Rockdale County mile log 4:99), an approximate length of 6.2 miles. The proposed typical section consists of three, 12-foot travel lanes in each direction, inside shoulders varying in width from five to 16 feet and 12-foot outside shoulders. The West Avenue/Klondike Road Overpass Bridge will be jacked due to vertical clearance requirements. The proposed design speed is 70 mph.

Drawings, maps, or plats of the proposed project, as approved, are and on file and available for inspection at the Georgia Department of Transportation:

Thomas C. Parker, Area Engineer
tparker@dot.ga.gov
805 George Luther Drive
Decatur, Georgia 30032
(404) 299-4386

Any interested party may obtain a copy of the drawings, maps, plats, or portions thereof, by paying a nominal fee and requesting in writing to:

James B. Buchan, P.E., State Urban Design Engineer
Office of Urban Design
bbuchan@dot.ga.gov
No. 2 Capitol Square, SW
Atlanta, Georgia 30334
Phone (404)656-5436

Any written request in reference to this Notice should include the Project and P.I. Numbers as noted at the top of this notice.